

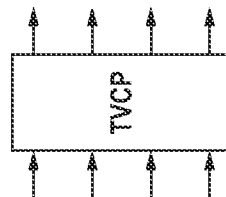
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VC mapping
 Virtual channel A: (2, 7, 5)
 Virtual channel B: (1)
 Virtual channel C: (3, 4, 6, 8)
 Datapath width = 4 bytes
 Number of STS-1 timeslot = 8

System Side
 Per-VC data words

C13	B1	C9	A8	C5	A5	C1	A1
C14	B2	C10	A10	C6	A6	C2	A2
C15	B3	C11	A11	C7	A7	C3	A3
C16	B4	C12	A12	C8	A8	C4	A4

Time



LineSide
 Timeslot-interleaved data words

A12 slot 5	B4 slot 1	A9 slot 5	B3 slot 1	A6 slot 5	B2 slot 1	A3 slot 5	B1 slot 1
C15 slot 6	A10 slot 2	C11 slot 6	A7 slot 2	C7 slot 6	A4 slot 2	C3 slot 6	A1 slot 2
A11 slot 7	C13 slot 3	A8 slot 7	C9 slot 3	A5 slot 7	C5 slot 3	A2 slot 7	C1 slot 3
C16 slot 8	C14 slot 4	C12 slot 8	C10 slot 4	C8 slot 8	C6 slot 4	C4 slot 8	C2 slot 4

Time

FIG. 1

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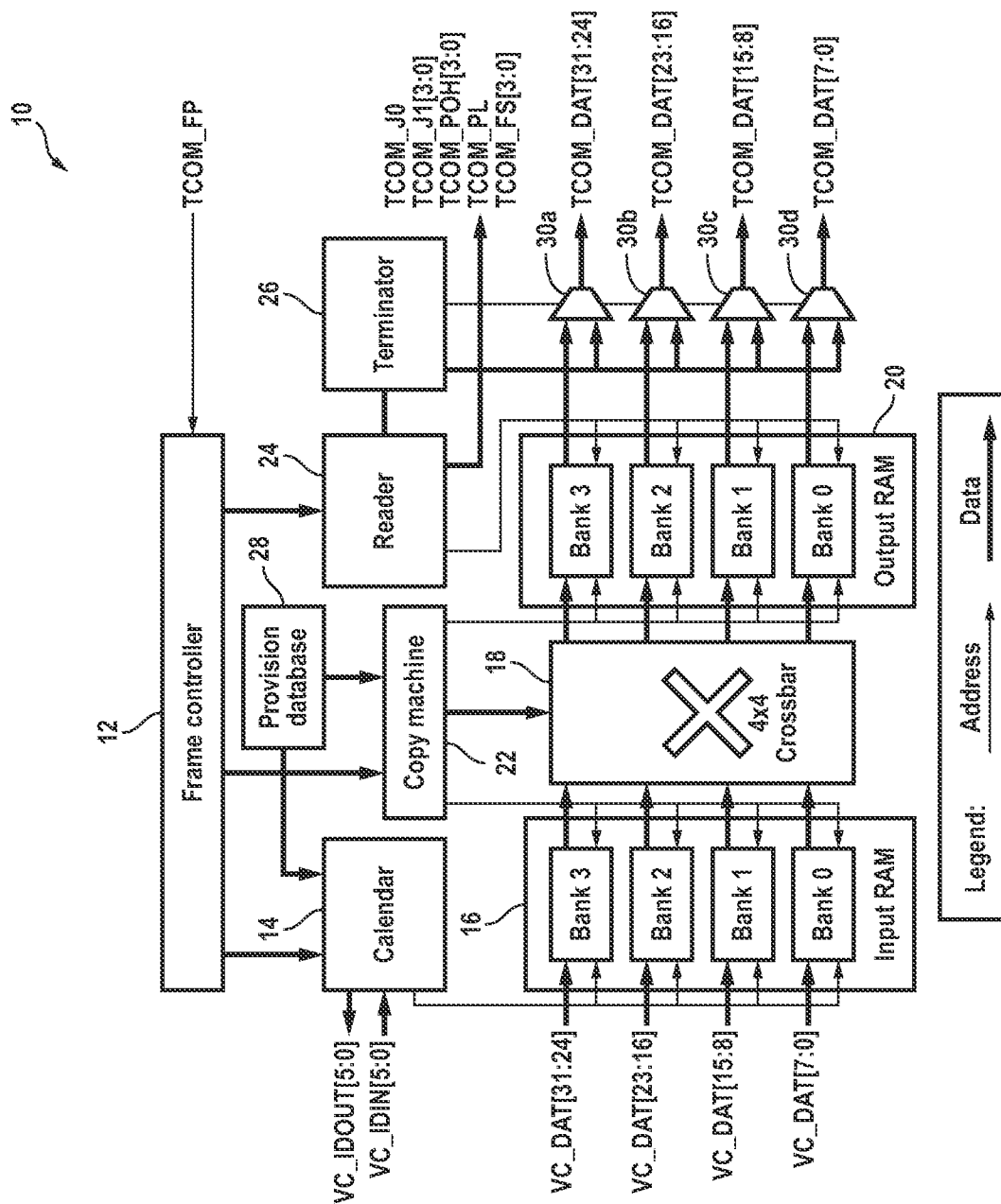


FIG. 2

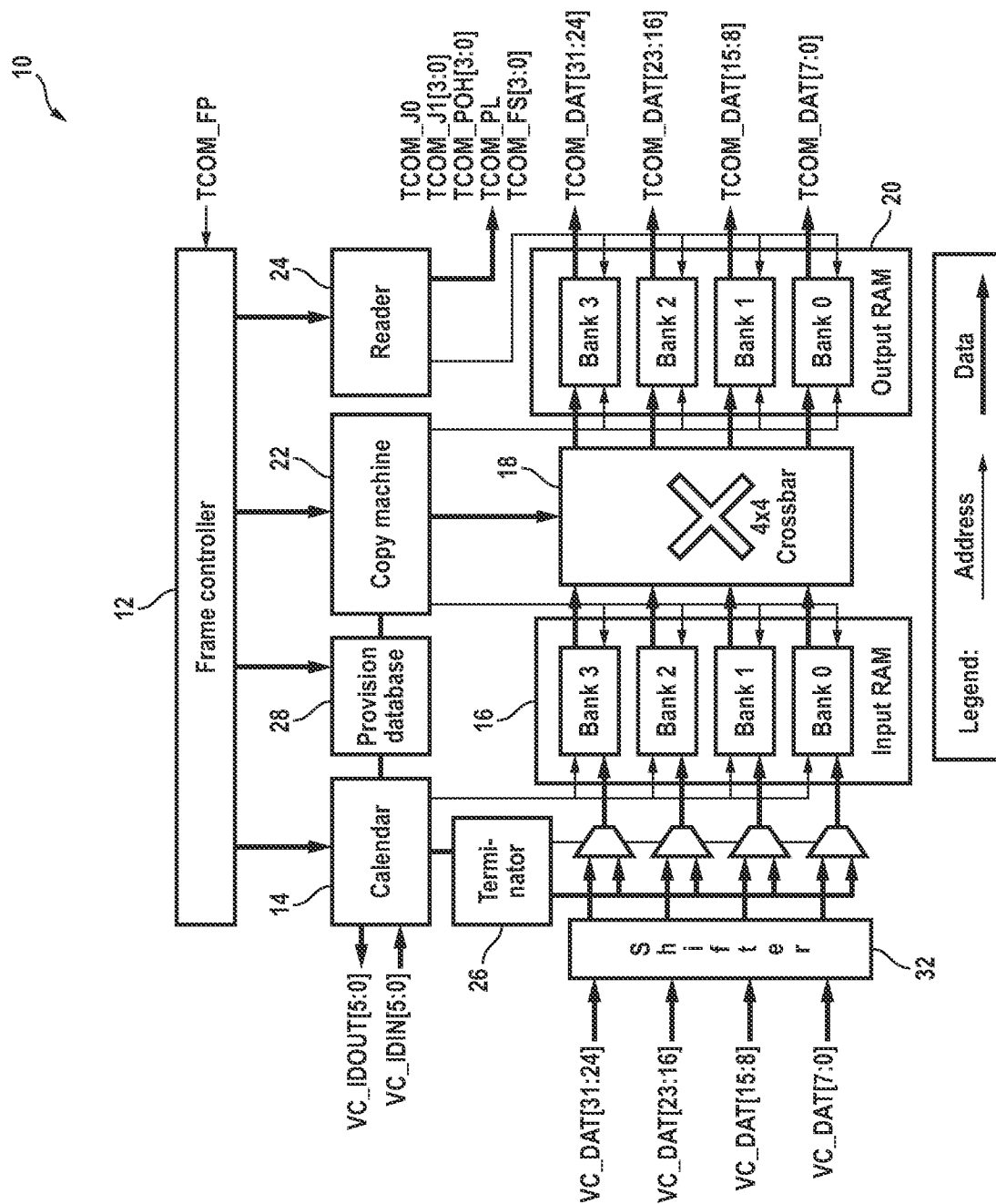


FIG. 3

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Channel	0	1	2
Bandwidth	STS-1-1v	STS-1-2v	STS-1-3v
Timeslot	4	1 5	3 0 2
Sequence Number	0	0 1	0 1 2

FIG. 4A

Timeslot	0	1	2	3	4	5
Channel	1	2	0	1	2	2
Sequence Number	1	0	2	0	0	1

FIG. 4B

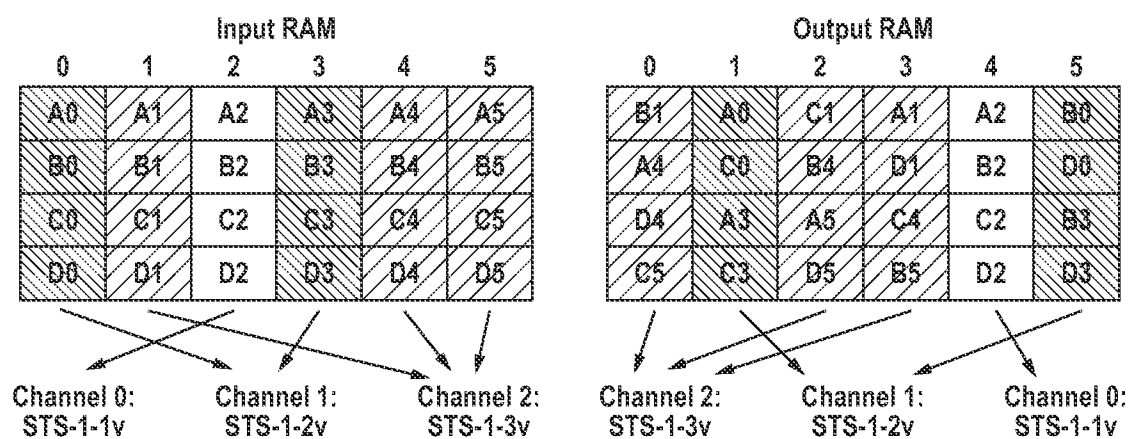
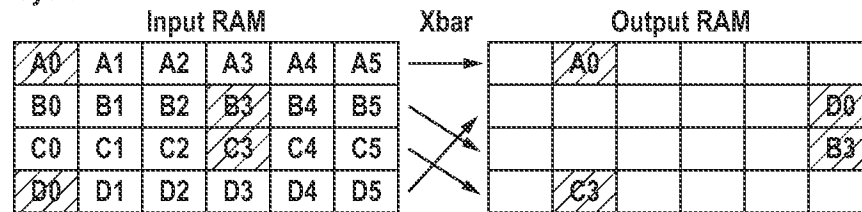


FIG. 4C

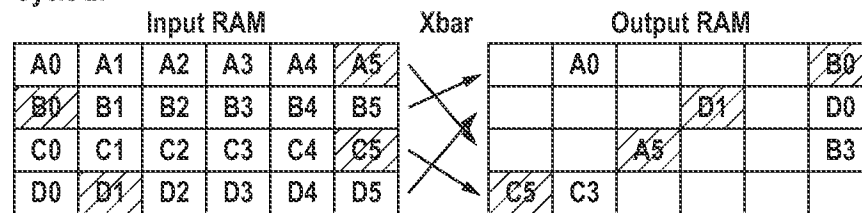
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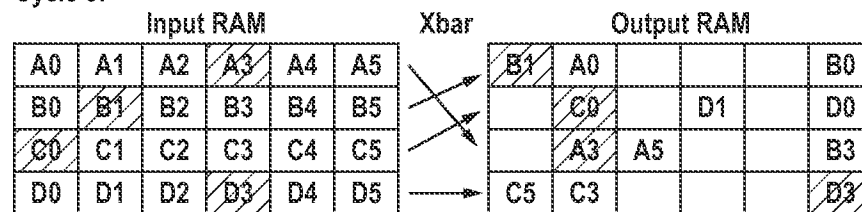
Cycle 1:



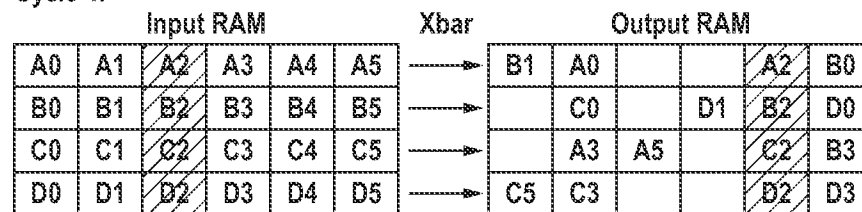
Cycle 2:



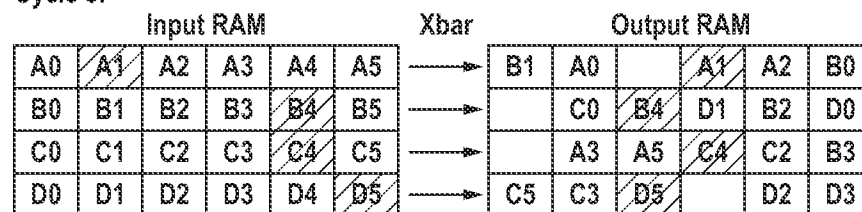
Cycle 3:



Cycle 4:



Cycle 5:



Cycle 6:

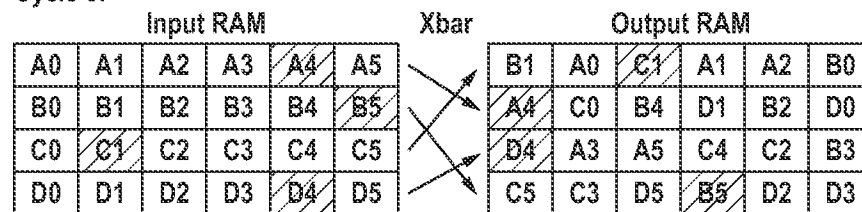


FIG. 5

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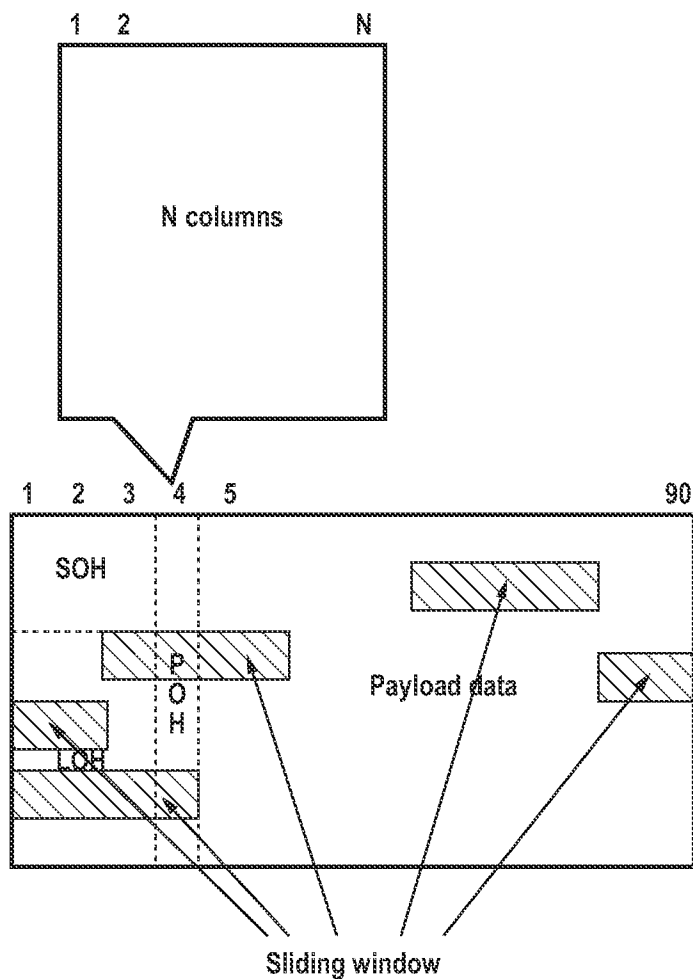


FIG. 6

Timeslot	1	2	3	4	5	6	7	8	9	10	11	12	1	2	...
STS-1	POH1	POH2	POH3	POH4	POH5	POH6	POH7	POH8	POH9	POH10	POH11	POH12	D1	D2	...
STS-3c	POH1	POH2	POH3	POH4	D1	D2	D3	D4	D1	D2	D3	D4	D1	D2	...
STS-12c	POH	FS	FS	FS	D	D	D	D	D	D	D	D	D	D	...
STS-24c	POH FS	FS FS	FS FS	FS FS	D D	D D	D D	D D	D D	D D	D D	D D	D D	D D	...
STS-36c	POH FS FS	FS FS FS	FS FS FS	FS FS FS	D D D	D D D	D D D	D D D	D D D	D D D	D D D	D D D	D D D	D D D	...
STS-48c	POH FS FS FS	FS FS FS FS	FS FS FS FS	FS FS FS FS	D D D D	D D D D	D D D D	D D D D	D D D D	D D D D	D D D D	D D D D	D D D D	D D D D	...

FIG. 7

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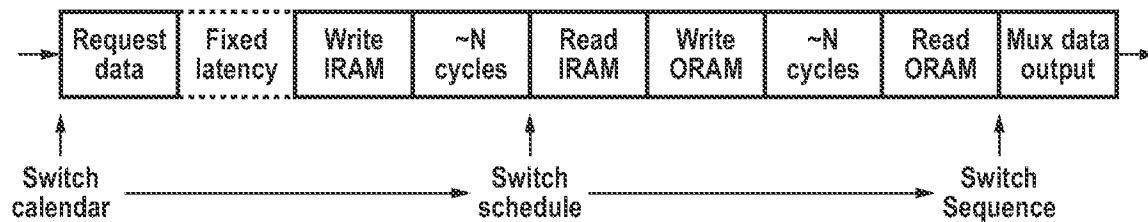


FIG. 8

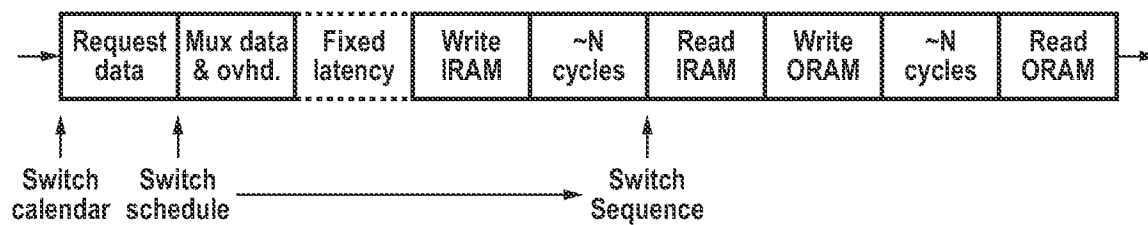


FIG. 9

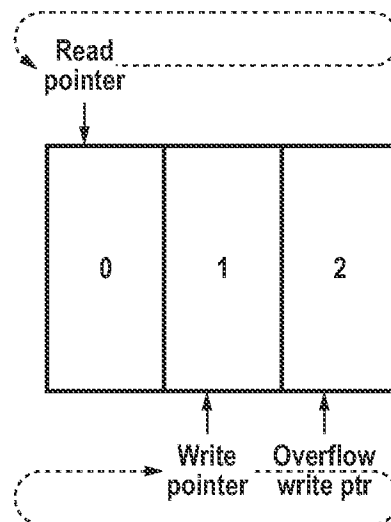


FIG. 10